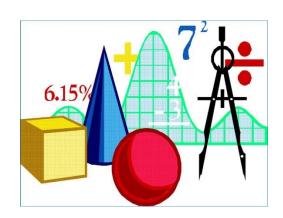




Mansfield Middle School Mr. Jones and Ms. Poller



## Our Mathematics Program

- CPM is "College Preparatory Math"
- CPM uses a team approach to teaching math
- Teachers help students work past learning blocks, connect topics, work together, etc.
- Teachers use multi-sensory activities to introduce new concepts

# Why team-based?

Research shows we learn:

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10% of what we read
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20% of what we hear...

70% of what we discuss...

95% of what we teach others.

- Psychiatrist William Glasser

• Employers report the ability to collaborate and communicate effectively with others as critical skills.

#### **Teamwork**

- Students learn to work with others effectively.
- Students learn to think critically, explain their thinking, and ask peers for help.
- Students get to see multiple approaches to the same problem.
- Teachers help teams discuss, share and clarify mathematical concepts.

#### Homework

- Assignment sheet is distributed (and collected) weekly.
  - HW is also posted to teacher HW pages
- Homework is designed to review and preview concepts.
  - 5-6 problems each night
  - First I-2 are usually focused on new concepts
- Homework is graded based on completion to encourage students to try each problem.
- Late work is accepted, with a lower grade.

#### E-Book

- Students have been given access to an internet-based electronic textbook.
- The e-book includes the complete text plus homework help buttons with each homework problem.

## Homework Help

 The e-book has e-tools and a built-in highlighted glossary links with definitions for terms.

### **CPM** Website

### www.cpm.org

- From here you can quickly find resources.
- Click on "Textbook Resources".
- Then click on your child's textbook.
- Look on the left side of the screen.

Table of Contents

Content Correlations

eTools/Videos

Homework Help

Parent Guide with Extra Practice

Resource/Toolkit Pages

#### FOXTROT/ by Bill Amend LET'S SEE. I NEED TO CUT GIVE ME ONE EXAMPLE WHERE IT'S NOT LIKE I'M WHY DO THEY MAKE NOT NOW. A FIFTH I'M EVER GOING TO USE THIS THIS QUICHE PAIGE. I'M PLANNING TO GO US STUDY MATH IN OF A CIRCLE INTO FIVE EQUAL JUNK I'M LEARNING IN INTO ASTROPHYSICS SCHOOL ?! I HATE IT! TRYING TO GEOMETRY CLASS! JUST ONE! 15... 15... OR SOMETHING! PIECES. THINK. OK, FINE. GIVE ME OH, WAIT, PETER JUST CUT IT INTO TWO EXAMPLES WANTED HIS SLICE THANKS. 72-DEGREE WEDGES TWICE AS BIG AS AND LISTEN TO ME, THE OTHERS .. MOTHER! Dist. by Universal

- How big is Peter's slice?
- How big are the other four slices?